

Grouping Symbols

Grouping Symbols: A symbol used to enclose an expression that should be simplified first.

<u>Parentheses</u>	<u>Brackets</u>	<u>Fraction Bar</u>
$7(9-2)$	$5[9-(6/3)]$	$\frac{9+5}{8-1}$
$7(7)$	$5[9-2]$	$\frac{14}{7}$
49	$5[7]$	$\frac{2}{1}$
49	35	2

Simplify each expression.

- $\frac{8 \cdot 5 - 4}{3(7-5)}$
 $\frac{8 \cdot 5 - 4}{1} \cdot \frac{1}{3(7-5)}$
- $12 + 8 \div 4$
 $(12 + 8) \div 4$
 $12 + (8 \div 4)$
- $\frac{1}{2} \cdot (4^2 - 2) + (8 \div 4)$
 $\frac{3}{2} \cdot (5^2 - 3) - (16 \div 2^2)$